

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:11:14 ON 20 DEC 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:11:23 ON 20 DEC 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 DEC 2004 HIGHEST RN 799762-98-4

DICTIONARY FILE UPDATES: 19 DEC 2004 HIGHEST RN 799762-98-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

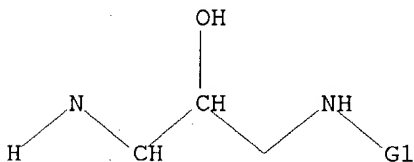
Uploading C:\STNEXP4\09896874.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 O,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 12:11:39 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 320 TO ITERATE

100.0% PROCESSED 320 ITERATIONS

21 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

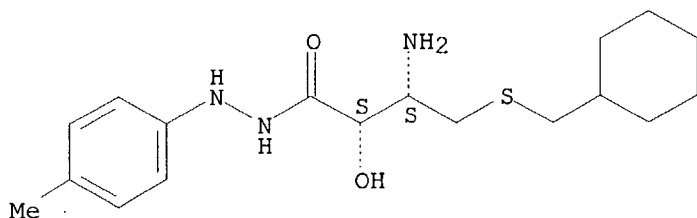
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 5327 TO 7473  
PROJECTED ANSWERS: 145 TO 693

L2 21 SEA SSS SAM L1

=> d

L2 ANSWER 1 OF 21 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 680192-29-4 REGISTRY  
CN Butanoic acid, 3-amino-4-[(cyclohexylmethyl)thio]-2-hydroxy-,  
2-(4-methylphenyl)hydrazide, (2S,3S)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C18 H29 N3 O2 S  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA CAPlus document type: Journal  
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation);  
PRP (Properties)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

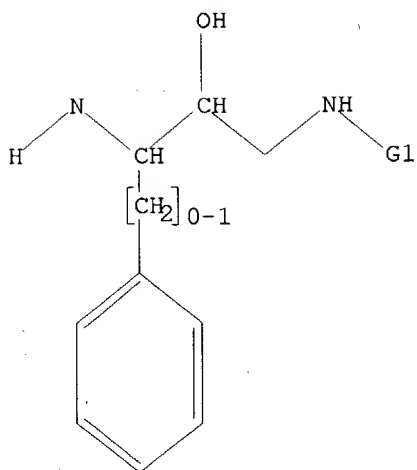
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L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR



G1 O,N

Structure attributes must be viewed using STN Express query preparation.

=> s 13

SAMPLE SEARCH INITIATED 12:16:37 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 161 TO ITERATE

100.0% PROCESSED 161 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 2459 TO 3981  
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s 13 ful

FULL SEARCH INITIATED 12:16:51 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 2960 TO ITERATE

100.0% PROCESSED 2960 ITERATIONS  
SEARCH TIME: 00.00.01

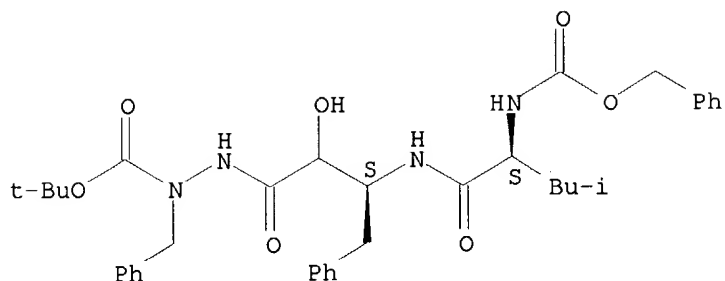
35 ANSWERS

L5 35 SEA SSS FUL L3

=> d 15 1-35

L5 ANSWER 1 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 648434-02-0 REGISTRY  
CN 12-Oxa-2,5,9,10-tetraazatetradecanoic acid, 7-hydroxy-13,13-dimethyl-3-(2-methylpropyl)-4,8,11-trioxo-6,10-bis(phenylmethyl)-, phenylmethyl ester, (3S,6S)-(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C36 H46 N4 O7  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
DT.CA Caplus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

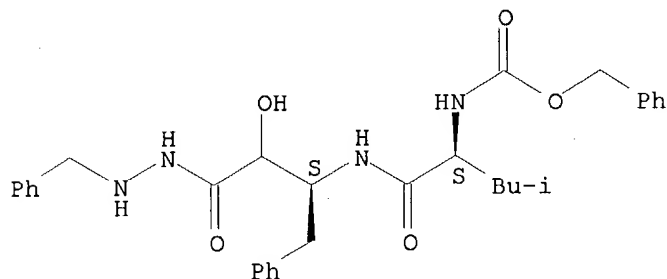


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 648434-01-9 REGISTRY  
CN Benzenebutanoic acid,  $\alpha$ -hydroxy- $\beta$ -[[ (2S)-4-methyl-1-oxo-2-  
[[ (phenylmethoxy) carbonyl] amino] pentyl] amino]-, 2- (phenylmethyl) hydrazide,  
( $\beta$ S)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C31 H38 N4 O5  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
DT.CA CAPLUS document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

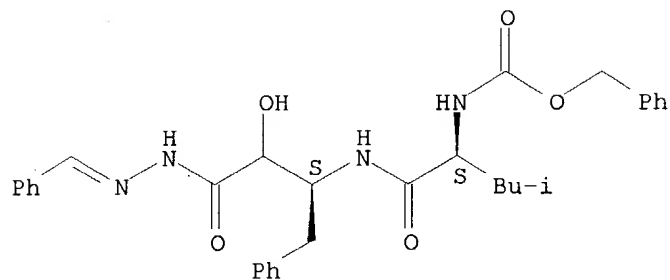


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 648434-00-8 REGISTRY  
CN Benzenebutanoic acid,  $\alpha$ -hydroxy- $\beta$ -[[ (2S)-4-methyl-1-oxo-2-  
[[ (phenylmethoxy) carbonyl] amino] pentyl] amino]-,  
(phenylmethylene) hydrazide, ( $\beta$ S)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C31 H36 N4 O5  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
DT.CA CAPLUS document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.  
Double bond geometry unknown.

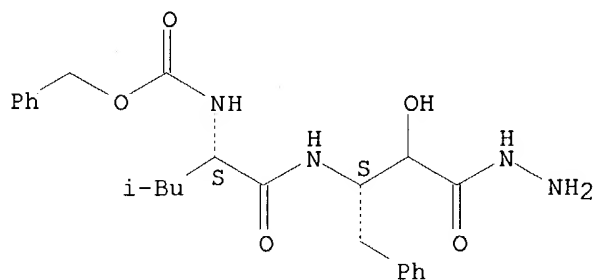


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 648433-99-2 REGISTRY  
CN Benzenebutanoic acid,  $\alpha$ -hydroxy- $\beta$ -[[ (2S)-4-methyl-1-oxo-2-  
[[ (phenylmethoxy)carbonyl]amino]pentyl]amino]-, hydrazide, ( $\beta$ S)-  
(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C24 H32 N4 O5  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
DT.CA CPlus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.



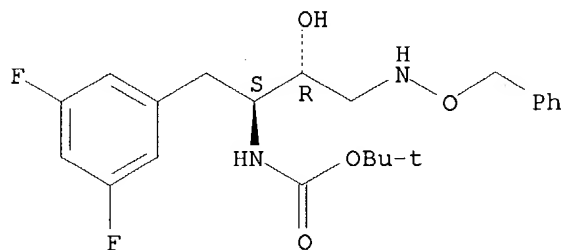
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 5 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 527734-35-6 REGISTRY  
CN Carbamic acid, [(1S,2R)-1-[(3,5-difluorophenyl)methyl]-2-hydroxy-3-  
[(phenylmethoxy)amino]propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX  
NAME)  
FS STEREOSEARCH  
MF C22 H28 F2 N2 O4  
SR CA

LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

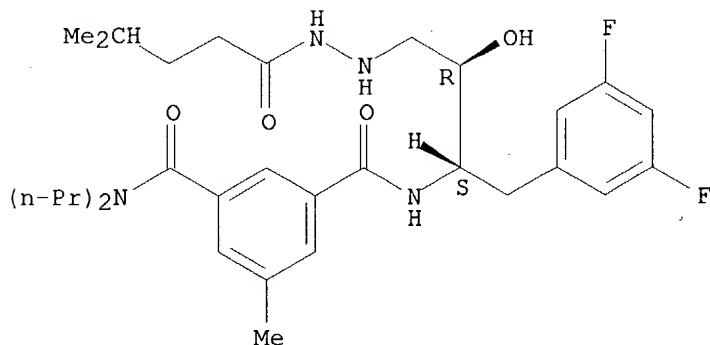


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 6 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 527726-34-7 REGISTRY  
 CN Pentanoic acid, 4-methyl-, 2-[(2R,3S)-4-(3,5-difluorophenyl)-3-[[3-[(dipropylamino)carbonyl]-5-methylbenzoyl]amino]-2-hydroxybutyl]hydrazide (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C31 H44 F2 N4 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

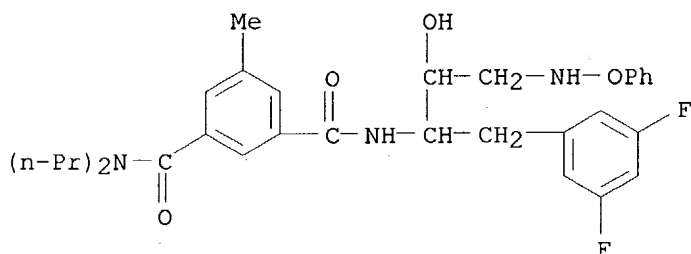


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 7 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 388083-45-2 REGISTRY  
 CN 1,3-Benzenedicarboxamide, N'-[1-[(3,5-difluorophenyl)methyl]-2-hydroxy-3-

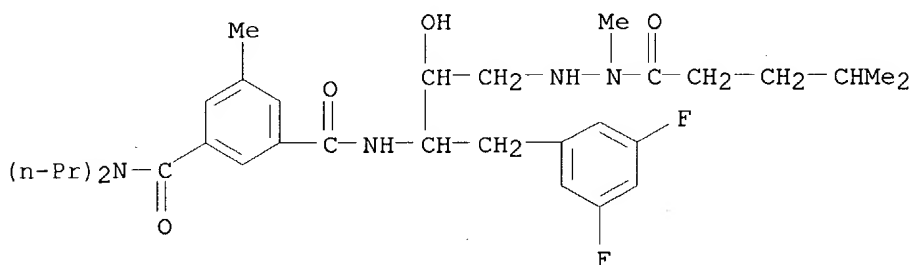
(phenoxyamino)propyl]-5-methyl-N,N-dipropyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C31 H37 F2 N3 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 8 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 388083-44-1 REGISTRY  
 CN Pentanoic acid, 4-methyl-, 2-[4-(3,5-difluorophenyl)-3-[[3-  
 [(dipropylamino)carbonyl]-5-methylbenzoyl]amino]-2-hydroxybutyl]-1-  
 methylhydrazide (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C32 H46 F2 N4 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); USES (Uses)

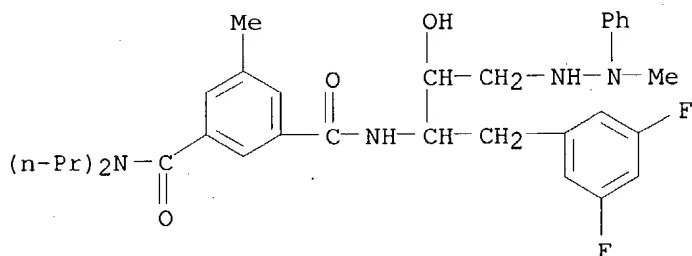


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 9 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 388083-43-0 REGISTRY  
 CN 1,3-Benzenedicarboxamide, N'-[1-[(3,5-difluorophenyl)methyl]-2-hydroxy-3-  
 (2-methyl-2-phenylhydrazino)propyl]-5-methyl-N,N-dipropyl- (9CI) (CA  
 INDEX NAME)  
 FS 3D CONCORD

MF C32 H40 F2 N4 O3  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
 DT.CA CAPLUS document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); USES (Uses)

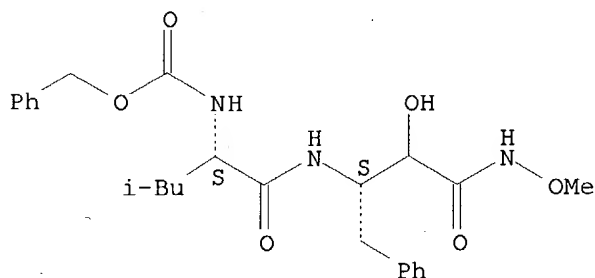


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 10 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 261786-26-9 REGISTRY  
 CN 2-Oxa-3,7,10-triazaundecan-11-oic acid, 5-hydroxy-9-(2-methylpropyl)-4,8-dioxo-6-(phenylmethyl)-, phenylmethyl ester, (6S,9S)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C25 H33 N3 O6  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA CAPLUS document type: Patent  
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

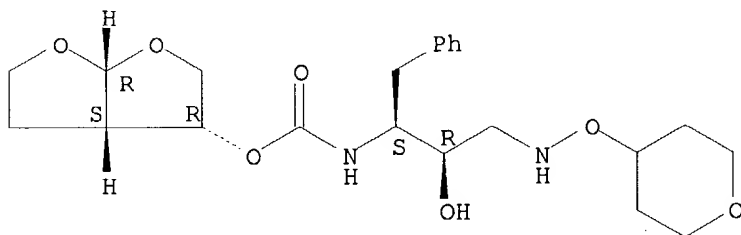
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 11 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 252873-78-2 REGISTRY  
 CN Carbamic acid, [(1S,2R)-2-hydroxy-1-(phenylmethyl)-3-[[ (tetrahydro-2H-pyran-4-yl)oxy]amino]propyl]-, (3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-yl ester (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH



MF C22 H32 N2 O7  
 SR CA  
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

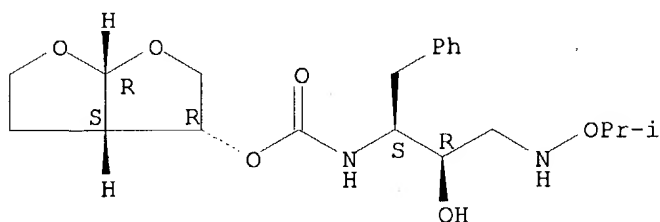


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 12 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 252873-56-6 REGISTRY  
 CN Carbamic acid, [(1S,2R)-2-hydroxy-3-[(1-methylethoxy)amino]-1-(phenylmethyl)propyl]-, (3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-yl ester (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C20 H30 N2 O6  
 SR CA  
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: RACT (Reactant or reagent)

Absolute stereochemistry.



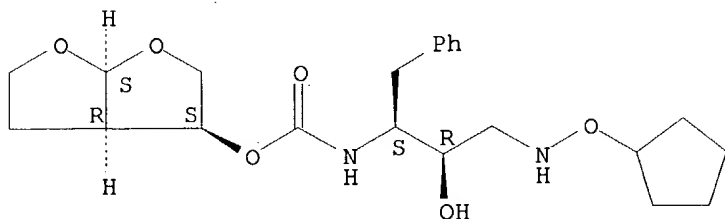
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 13 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 252873-38-4 REGISTRY  
 CN Carbamic acid, [(1S,2R)-3-[(cyclopentyloxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, (3S,3aR,6aS)-hexahydrofuro[2,3-b]furan-3-yl ester (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C22 H32 N2 O6

SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: RACT (Reactant or reagent)

Absolute stereochemistry.

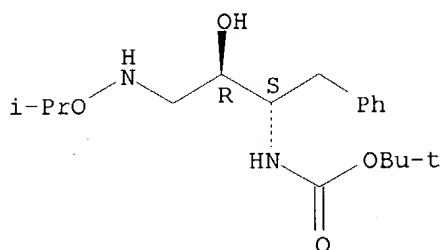


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 14 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252873-33-9 REGISTRY  
CN Carbamic acid, [(1S,2R)-2-hydroxy-3-[(1-methylethoxy)amino]-1-(phenylmethyl)propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C18 H30 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: RACT (Reactant or reagent)

Absolute stereochemistry.



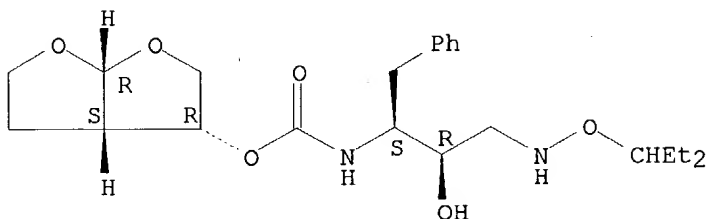
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 15 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252873-29-3 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-[(1-ethylpropoxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, (3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-yl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C22 H34 N2 O6  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

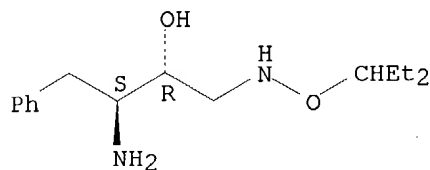


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 16 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252873-28-2 REGISTRY  
CN Benzenepropanol,  $\beta$ -amino- $\alpha$ -[[1-ethylpropoxy]amino]methyl-,  
( $\alpha$ R, $\beta$ S)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H26 N2 O2  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

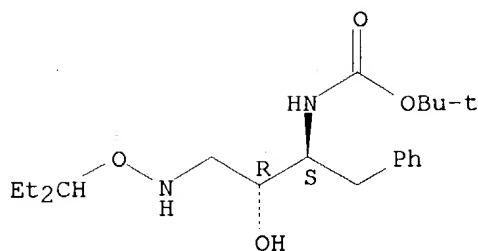


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 17 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252873-27-1 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-[(1-ethylpropoxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H34 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

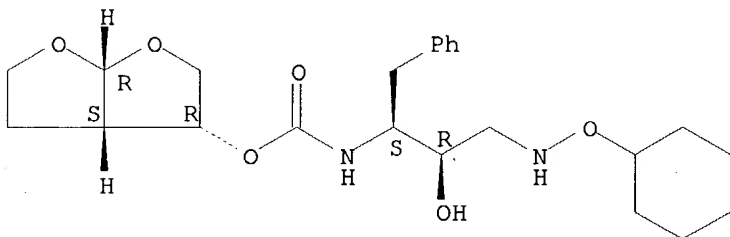


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 18 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252873-24-8 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-[(cyclohexyloxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, (3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-yl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C23 H34 N2 O6  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

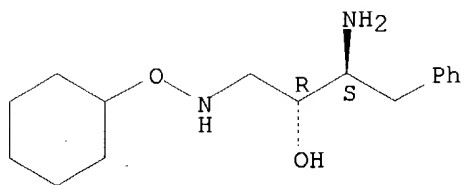


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 19 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252873-23-7 REGISTRY  
CN Benzenepropanol,  $\beta$ -amino- $\alpha$ -[[ (cyclohexyloxy)amino]methyl]-, ( $\alpha$ R, $\beta$ S)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C16 H26 N2 O2  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

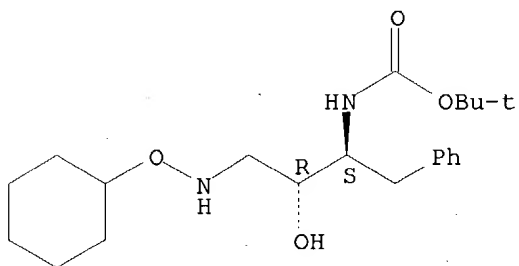


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 20 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252873-22-6 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-[(cyclohexyloxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H34 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

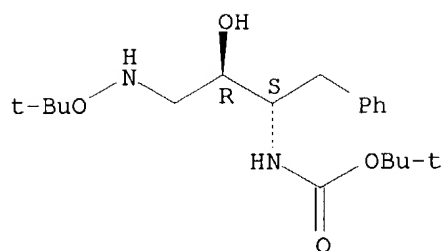


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 21 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252872-98-3 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-[(1,1-dimethylethoxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C19 H32 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

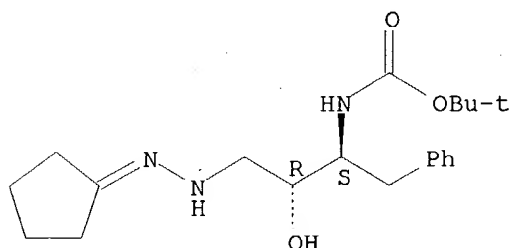


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 22 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252872-94-9 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-(cyclopentylidenehydrazino)-2-hydroxy-1-(phenylmethyl)propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H31 N3 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

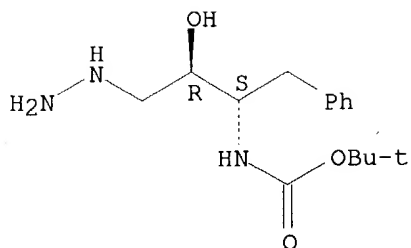


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 23 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252872-93-8 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-hydrazino-2-hydroxy-1-(phenylmethyl)propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H25 N3 O3  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

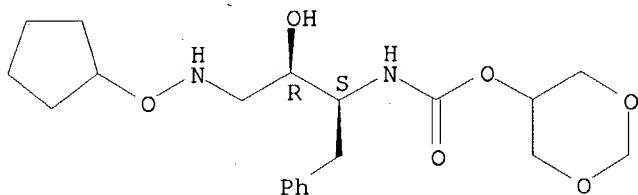


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 24 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252872-91-6 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-[(cyclopentyloxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, 1,3-dioxan-5-yl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H30 N2 O6  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

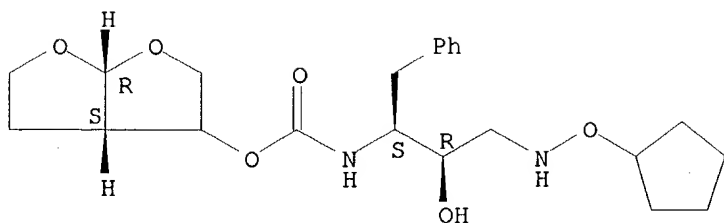


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 25 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252872-90-5 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-[(cyclopentyloxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, (3aS,6aR)-hexahydrofuro[2,3-b]furan-3-yl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C22 H32 N2 O6  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

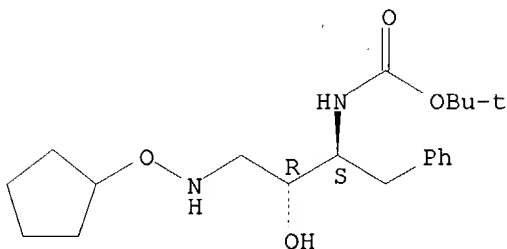


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 26 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252872-89-2 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-[(cyclopentyloxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H32 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.



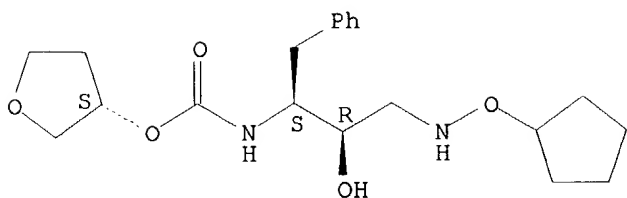
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 27 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 252872-88-1 REGISTRY  
CN Carbamic acid, [(1S,2R)-3-[(cyclopentyloxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, (3S)-tetrahydro-3-furanyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H30 N2 O5  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.





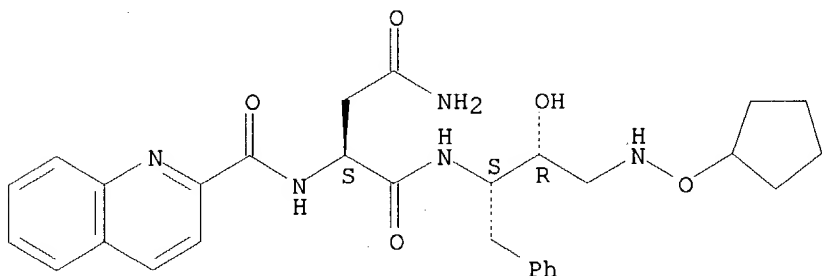
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 28 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 252872-87-0 REGISTRY  
 CN Butanediamide, N1-[(1S,2R)-3-[(cyclopentyloxy)amino]-2-hydroxy-1-(phenylmethyl)propyl]-2-[(2-quinolinylcarbonyl)amino]-, (2S)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C29 H35 N5 O5  
 SR CA  
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
 DT.CA CAPLUS document type: Patent  
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.



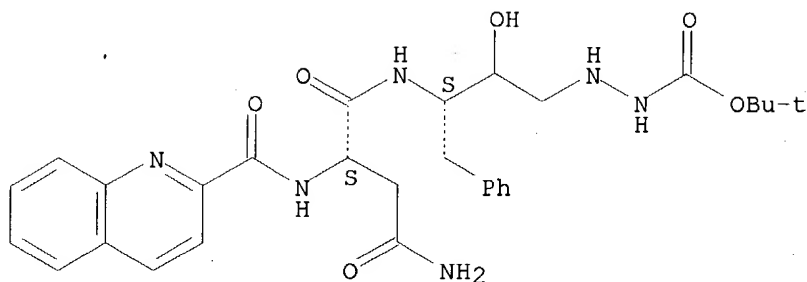
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 29 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 221898-05-1 REGISTRY  
 CN Hydrazinecarboxylic acid, 2-[(3S)-3-[[[(2S)-4-amino-1,4-dioxo-2-[(2-quinolinylcarbonyl)amino]butyl]amino]-2-hydroxy-4-phenylbutyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C29 H36 N6 O6  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA CAPLUS document type: Patent  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)

Absolute stereochemistry.

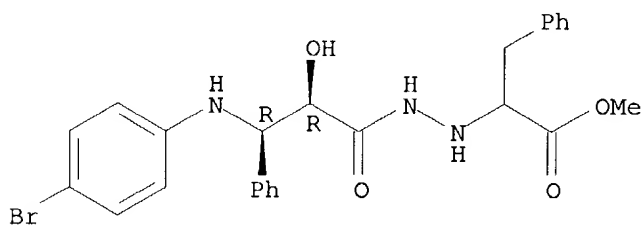


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 30 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 190061-58-6 REGISTRY  
 CN Benzenepropanoic acid,  $\beta$ -[(4-bromophenyl)amino]- $\alpha$ -hydroxy-,  
 2-[2-methoxy-2-oxo-1-(phenylmethyl)ethyl]hydrazide, ( $\alpha R^*$ ,  $\beta R^*$ )-  
 [partial]- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C25 H26 Br N3 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT  
 DT.CA Caplus document type: Journal  
 RL.NP Roles from non-patents: PREP (Preparation)

Relative stereochemistry.

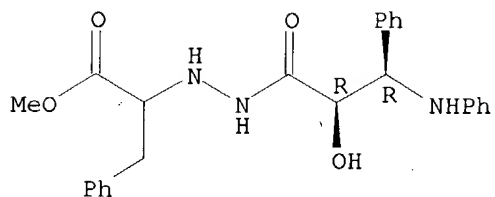


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 31 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 190060-56-1 REGISTRY  
 CN Benzenepropanoic acid,  $\alpha$ -hydroxy- $\beta$ -(phenylamino)-,  
 2-[2-methoxy-2-oxo-1-(phenylmethyl)ethyl]hydrazide, ( $\alpha R^*$ ,  $\beta R^*$ )-  
 [partial]- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C25 H27 N3 O4  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA Caplus document type: Journal  
 RL.NP Roles from non-patents: PREP (Preparation)

Relative stereochemistry.

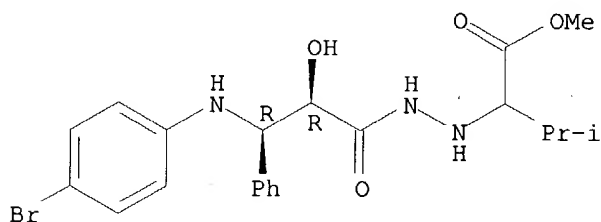


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 32 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 190060-55-0 REGISTRY  
CN Benzenepropanoic acid,  $\beta$ -[(4-bromophenyl)amino]- $\alpha$ -hydroxy-,  
2-[1-(methoxycarbonyl)-2-methylpropyl]hydrazide, ( $\alpha R^*$ ,  $\beta R^*$ )-  
[partial]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H26 Br N3 O4  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA CAplus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation)

Relative stereochemistry.

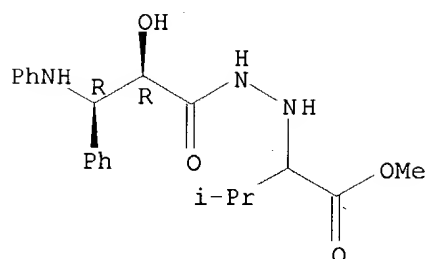


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 33 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 190060-54-9 REGISTRY  
CN Benzenepropanoic acid,  $\alpha$ -hydroxy- $\beta$ -(phenylamino)-,  
2-[1-(methoxycarbonyl)-2-methylpropyl]hydrazide, ( $\alpha R^*$ ,  $\beta R^*$ )-  
[partial]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C21 H27 N3 O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
DT.CA CAplus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation)

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 34 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN

RN 186392-79-0 REGISTRY

CN 1H-Indole-2-carboxamide, 5-chloro-N-[2-hydroxy-3-(hydroxyamino)-3-oxo-1-(phenylmethyl)propyl]-, [R-(R\*,S\*)]- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C19 H18 Cl N3 O4

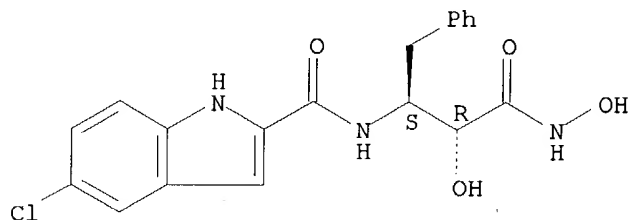
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 35 OF 35 REGISTRY COPYRIGHT 2004 ACS on STN

RN 186392-54-1 REGISTRY

CN 1H-Indole-2-carboxamide, 5-chloro-N-[3-[(1,1-dimethylethoxy)amino]-2-hydroxy-3-oxo-1-(phenylmethyl)propyl]-, [R-(R\*,S\*)]- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C23 H26 Cl N3 O4

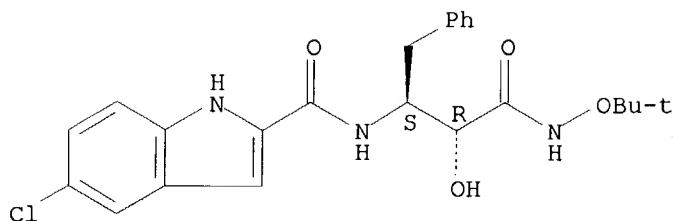
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |
| 222.92     | 223.13  |

FULL ESTIMATED COST

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FILE COVERS 1907 - 20 Dec 2004 VOL 141 ISS 26

FILE LAST UPDATED: 19 Dec 2004 (20041219/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 15

L6 9 L5

=> d 16 1-9

L6 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:960457 CAPLUS

DN 140:128677

TI Design, Synthesis, Molecular Modeling Studies, and Calpain Inhibitory Activity of Novel  $\alpha$ -Ketoamides Incorporating Polar Residues at the P1'-Position

AU Donkor, Isaac O.; Han, Jie; Zheng, Xiaozhang

CS Department of Pharmaceutical Sciences, University of Tennessee Health Science Center, Memphis, TN, 38163, USA

SO Journal of Medicinal Chemistry (2004), 47(1), 72-79

CODEN: JMCMAR; ISSN: 0022-2623

PB American Chemical Society

DT Journal  
LA English  
OS CASREACT 140:128677  
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:412801 CAPLUS  
DN 139:245782  
TI Preparation of N,N'-substituted-1,3-diamino-2-hydroxypropanes for treating  
Alzheimer's disease  
IN Varghese, John; Maillard, Michel; Jagodzinska, Barbara; Beck, James P.;  
Gailunas, Andrea; Fang, Larry; Sealy, Jennifer; Tenbrink, Ruth; Freskos,  
John; Mickelson, John; Samala, Lakshman; Hom, Roy  
PA Elan Pharmaceuticals, Inc., USA; Pharmacia & Upjohn Company  
SO PCT Int. Appl., 1243 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

|      | PATENT NO.        | KIND   | DATE     | APPLICATION NO. | DATE     |
|------|-------------------|--|----------|-----------------|----------|
| PI   | WO 2003040096     | A2   | 20030515 | WO 2002-XA36072 | 20021108 |
|      | W:                | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                 |          |
|      | RW:               | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |
|      | WO 2003040096     | A2   | 20030515 | WO 2002-US36072 | 20021108 |
|      | WO 2003040096     | A3   | 20040506 |                 |          |
|      | W:                | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW                                     |          |                 |          |
|      | RW:               | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |
| PRAI | US 2001-337122P   | P  | 20011108 |                 |          |
|      | US 2001-344086P   | P  | 20011228 |                 |          |
|      | US 2002-345635P   | P  | 20020103 |                 |          |
|      | WO 2002-US36072   | A  | 20021108 |                 |          |
| OS   | MARPAT 139:245782 |  |          |                 |          |

L6 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:376819 CAPLUS  
DN 138:385173  
TI Preparation of N,N'-substituted-1,3-diamino-2-hydroxypropanes for treating  
Alzheimer's disease  
IN Varghese, John; Maillard, Michel; Jagodzinska, Barbara; Beck, James P.;  
Gailunas, Andrea; Fang, Larry; Sealy, Jennifer; Tenbrink, Ruth; Freskos,  
John; Mickelson, John; Samala, Lakshman; Hom, Roy  
PA Elan Pharmaceuticals, Inc., USA; Pharmacia & Upjohn Company  
SO PCT Int. Appl., 1243 pp.

CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 2

|      | PATENT NO.        | KIND   | DATE     | APPLICATION NO. | DATE     |
|------|-------------------|--|----------|-----------------|----------|
| PI   | WO 2003040096     | A2   | 20030515 | WO 2002-US36072 | 20021108 |
|      | WO 2003040096     | A3   | 20040506 |                 |          |
|      | W:                | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW                                     |          |                 |          |
|      | RW:               | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |
|      | WO 2003040096     | A2   | 20030515 | WO 2002-XA36072 | 20021108 |
|      | W:                | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                 |          |
|      | RW:               | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |
|      | US 2004171881     | A1   | 20040902 | US 2002-291318  | 20021108 |
|      | EP 1453789        | A2   | 20040908 | EP 2002-793909  | 20021108 |
|      | R:                | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK   |          |                 |          |
| PRAI | US 2001-337122P   | P  | 20011108 |                 |          |
|      | US 2001-344086P   | P  | 20011228 |                 |          |
|      | US 2002-345635P   | P  | 20020103 |                 |          |
|      | WO 2002-US36072   | A  | 20021108 |                 |          |
| OS   | MARPAT 138:385173 |  |          |                 |          |

L6 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:31397 CAPLUS  
DN 136:96075  
TI Compounds to treat Alzheimer's disease  
IN Fang, Lawrence Y.; John, Varghese  
PA Elan Pharmaceuticals, Inc., USA  
SO PCT Int. Appl., 434 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 5

|    | PATENT NO.    | KIND   | DATE     | APPLICATION NO. | DATE     |
|----|---------------|--|----------|-----------------|----------|
| PI | WO 2002002506 | A2   | 20020110 | WO 2001-US20930 | 20010629 |
|    | WO 2002002506 | C1   | 20031120 |                 |          |
|    | WO 2002002506 | A3   | 20020829 |                 |          |
|    | W:            | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW |          |                 |          |

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG,  
 KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,  
 IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN,  
 GW, ML, MR, NE, SN, TD, TG

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|--|----|----------|-----------------|----------|
| CA 2410972   | AA | 20020110 | CA 2001-2410972 | 20010629 |
| US 2002016320  | A1 | 20020207 | US 2001-896874  | 20010629 |
| EP 1299352   | A2 | 20030409 | EP 2001-952352  | 20010629 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO, MK, CY, AL, TR |    |          |                 |          |
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| US 2003096864  | A1 | 20030522 | US 2001-895871  | 20010629 |
| JP 2004502665  | T2 | 20040129 | JP 2002-507763  | 20010629 |
| NZ 523005  | A  | 20041126 | NZ 2001-523005  | 20010629 |
| ZA 2002009991  | A  | 20040503 | ZA 2002-9991    | 20021210 |
| ZA 2003000327  | A  | 20040325 | ZA 2003-327     | 20030113 |
| PRAI US 2000-215323P   | P  | 20000630 |                 |          |
| WO 2001-US20930  | W  | 20010629 |                 |          |
| OS MARPAT 136:96075  |    |          |                 |          |

L6 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:209900 CAPLUS

DN 132:237376

TI Preparation of hydroxamate-containing peptides as cysteine and serine  
 protease inhibitors

IN Mallamo, John P.; Bihovsky, Ron; Josef, Kurt Allen

PA Cephalon, Inc., USA

SO PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

|      | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|------|--|------|----------|-----------------|----------|
| PI   | WO 2000016767  | A1   | 20000330 | WO 1999-US21664 | 19990920 |
|      | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,<br>CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN,<br>IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG,<br>MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,<br>TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,<br>MD, RU, TJ, TM |      |          |                 |          |
|      | RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,<br>DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,<br>CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG   |      |          |                 |          |
|      | US 6686335   | B1   | 20040203 | US 1999-398562  | 19990917 |
|      | CA 2342985   | AA   | 20000330 | CA 1999-2342985 | 19990920 |
|      | AU 9960502   | A1   | 20000410 | AU 1999-60502   | 19990920 |
|      | AU 771518  | B2   | 20040325 |                 |          |
|      | EP 1115390   | A1   | 20010718 | EP 1999-969333  | 19990920 |
|      | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO   |      |          |                 |          |
|      | NZ 510303  | A    | 20021220 | NZ 1999-510303  | 19990920 |
|      | JP 2003534233  | T2   | 20031118 | JP 2000-573728  | 19990920 |
|      | NO 2001001388  | A    | 20010516 | NO 2001-1388    | 20010319 |
|      | US 2004106558  | A1   | 20040603 | US 2003-717773  | 20031120 |
| PRAI | US 1998-101414P  | P    | 19980922 |                 |          |
|      | US 1999-398562   | A    | 19990917 |                 |          |
|      | WO 1999-US21664  | W    | 19990920 |                 |          |
| OS   | MARPAT 132:237376  |      |          |                 |          |

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
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L6 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN



AN 1999:811207 CAPLUS  
 DN 132:49801  
 TI Preparation of 1-acylamino-3-(N-arylsulfonyl-N-alkoxyamino)-2-hydroxypropanes and related compounds as inhibitors of HIV aspartyl protease.  
 IN Sherrill, Ronald George; Hale, Michael R.; Spaltenstein, Andrew; Furfine, Eric Steven; Andrews, Clarence Webster, III; Lowen, Gregory Thomas  
 PA Vertex Pharmaceuticals Incorporated, USA  
 SO PCT Int. Appl., 344 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---|------|----------|-----------------|----------|
| PI   | WO 9965870  | A2   | 19991223 | WO 1999-US13744 | 19990617 |
|      | WO 9965870  | A3   | 20010315 |                 |          |
|      | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
|      | RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
|      | CA 2335477  | AA   | 19991223 | CA 1999-2335477 | 19990617 |
|      | AU 9945760  | A1   | 20000105 | AU 1999-45760   | 19990617 |
|      | AU 767728   | B2   | 20031120 |                 |          |
|      | EP 1086076  | A1   | 20010328 | EP 1999-928769  | 19990617 |
|      | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI   |      |          |                 |          |
|      | BR 9912169  | A    | 20010410 | BR 1999-12169   | 19990617 |
|      | NZ 508855   | A    | 20031031 | NZ 1999-508855  | 19990617 |
|      | US 2002049201   | A1   | 20020425 | US 2000-731129  | 20001206 |
|      | US 6613743  | B2   | 20030902 |                 |          |
|      | NO 2000006405   | A    | 20010219 | NO 2000-6405    | 20001215 |
|      | US 2004097594   | A1   | 20040520 | US 2003-600937  | 20030620 |
|      | NZ 528074   | A    | 20041126 | NZ 2003-528074  | 20030908 |
| PRAI | US 1998-90094P  | P    | 19980619 |                 |          |
|      | WO 1999-US13744   | W    | 19990617 |                 |          |
|      | US 2000-731129  | A3   | 20001206 |                 |          |
| OS   | MARPAT 132:49801  |      |          |                 |          |

L6 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:212791 CAPLUS  
 DN 130:262109  
 TI Polar substituted hydrocarbon retroviral protease inhibitors and prodrugs, and preparation thereof  
 IN Grobelny, Damian Wojciech  
 PA Narhex Ltd., Hong Kong  
 SO U.S., 102 pp., Cont.-in-part of U.S. 5,679,688.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 4

|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|----|--|------|----------|-----------------|----------|
| PI | US 5888992   | A    | 19990330 | US 1996-612894  | 19960429 |
|    | ZA 9406952   | A    | 19950413 | ZA 1994-6952    | 19940909 |
|    | WO 9507269   | A1   | 19950316 | WO 1994-AU538   | 19940912 |
|    | W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, |      |          |                 |          |

GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG,  
MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA,  
US, UZ

RW: KE, MW, SD, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC,  
NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

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PRAI AU 1992-1304 A 19920311  
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OS MARPAT 130:262109

RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD  
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L6 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:278007 CAPLUS

DN 127:5316

TI Polyaniline supported cobalt(II)-salen catalyst: one-pot synthesis of  
 $\beta$ -phenylisoserine derivatives from cinnamoyl amide

AU Das, Bhaskar C.; Iqbal, Javed

CS Dep. Chemistry, Indian Inst. Technol., Kanpur, 208 016, India

SO Tetrahedron Letters (1997), 38(16), 2903-2906

CODEN: TELEAY; ISSN: 0040-4039

PB Elsevier

DT Journal

LA English

OS CASREACT 127:5316

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:124408 CAPLUS

DN 126:131381

TI Preparation of substituted indole-2-carboxamides and derivatives as  
glycogen phosphorylase inhibitors.

IN Hulin, Bernard; Hoover, Dennis J.; Treadway, Judith L.; Martin, William H.

PA Pfizer Inc., USA; Hulin, Bernard; Hoover, Dennis J.; Treadway, Judith L.;  
Martin, William H.

SO PCT Int. Appl., 119 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|----|--|------|----------|-----------------|----------|
| PI | WO 9639385   | A1   | 19961212 | WO 1995-IB443   | 19950606 |
|    | W: CA, FI, JP, MX, US  |      |          |                 |          |
|    | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE |      |          |                 |          |
|    | CA 2342471   | AA   | 19961212 | CA 1995-2342471 | 19950606 |
|    | CA 2342471   | C    | 20021029 |                 |          |
|    | EP 832066  | A1   | 19980401 | EP 1995-918718  | 19950606 |
|    | EP 832066  | B1   | 20010912 |                 |          |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE  |      |          |                 |          |
|    | JP 11500445  | T2   | 19990112 | JP 1997-500245  | 19950606 |
|    | JP 3068200   | B2   | 20000724 |                 |          |
|    | AT 205477  | E    | 20010915 | AT 1995-918718  | 19950606 |
|    | EP 1134213   | A2   | 20010919 | EP 2001-105284  | 19950606 |
|    | EP 1134213   | A3   | 20020417 |                 |          |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE  |      |          |                 |          |

|                      |    |          |                  |          |
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| PT 832066            | T  | 20011228 | PT 1995-918718   | 19950606 |
| ES 2164151           | T3 | 20020216 | ES 1995-918717   | 19950606 |
| PT 832065            | T  | 20020228 | PT 1995-918717   | 19950606 |
| LV 11614             | B  | 19970420 | LV 1996-173      | 19960604 |
| BR 9602626           | A  | 19980901 | BR 1996-2626     | 19960604 |
| NO 9602322           | A  | 19961209 | NO 1996-2322     | 19960605 |
| AU 9654753           | A1 | 19961219 | AU 1996-54753    | 19960605 |
| AU 700887            | B2 | 19990114 |                  |          |
| ZA 9604646           | A  | 19971205 | ZA 1996-4646     | 19960605 |
| RU 2159613           | C2 | 20001127 | RU 1996-111013   | 19960605 |
| CZ 289233            | B6 | 20011212 | CZ 1996-1627     | 19960605 |
| HR 960266            | B1 | 20020831 | HR 1996-960266   | 19960606 |
| TW 450961            | B  | 20010821 | TW 1996-85107435 | 19960619 |
| US 6297269           | B1 | 20011002 | US 1997-952668   | 19971202 |
| FI 9704437           | A  | 19971205 | FI 1997-4437     | 19971205 |
| US 2002028810        | A1 | 20020307 | US 2001-881136   | 20010614 |
| US 6649634           | B2 | 20031118 |                  |          |
| GR 3037075           | T3 | 20020131 | GR 2001-401947   | 20011030 |
| CN 1374082           | A  | 20021016 | CN 2002-106667   | 20020305 |
| US 2004006088        | A1 | 20040108 | US 2003-464728   | 20030617 |
| PRAI CA 1995-2223625 | A  | 19950606 |                  |          |
| CA 1995-2224062      | A3 | 19950606 |                  |          |
| EP 1995-918717       | A3 | 19950606 |                  |          |
| EP 1995-918718       | A  | 19950606 |                  |          |
| WO 1995-IB443        | W  | 19950606 |                  |          |
| US 1997-952668       | A3 | 19971202 |                  |          |
| US 2001-881136       | A3 | 20010614 |                  |          |
| OS MARPAT 126:131381 |    |          |                  |          |